

Qty -01	Qty -02	Qty -03	Qty -04	Part Number	Description
X				D412-694-01	DOOR ASSEMBLY
	X			D412-694-02	DOOR ASSEMBLY
		X		D412-694-03	DOOR ASSEMBLY
			X	D412-694-04	DOOR ASSEMBLY
		1	1	D3110-1	ESCUTCHEON
		1	1	D3110-3	HANDLE
1	1			D3110-5	HANDLE ASSEMBLY
		1	1	D3111-041	PLATE ASSEMBLY
		2	2	D3112-1	GUIDE
		1	1	D3113-1	SPRING
		1	1	D3114-1	PIVOT
1	1			D3115-1	BRACKET
		1	1	D3116-11-0180	SEAL
		1	1	D3116-5-0680	SEAL
1	1			D3116-7-0680	SEAL
1	1			D3116-9-0770	SEAL
		1		D3119-041	COVER ASSEMBLY
		1		D3119-042	COVER ASSEMBLY
		1		D3120-1	COVER
		1		D3120-2	COVER
		1		D3120-3	COVER
		1		D3120-4	COVER
3	3			D3121-041	BRACKET ASSEMBLY ("ROLLER")
1				D3121-043	BRACKET ASSEMBLY ("ROLLER")
	1			D3121-044	BRACKET ASSEMBLY ("ROLLER")
1	1			D3122-1	LEVER
2	2			D3123-1	CAM
1	1			D3124-1	HOOK
1	1			D3124-2	HOOK
		1	1	D3125-1	LEVER
		1	1	D3125-3	LEVER
		1	1	D3125-5	LEVER
		1	1	D3125-7	LEVER
1	1			D3126-1	BRACKET ("SLIDER")
1	1			D3126-3	BRACKET ("SLIDER")
5	5			D3126-5	BRACKET ("SLIDER")
1	1			D3127-1	SPACER
		1	1	D3128-1	SHIM
		2	2	D3129-1	LEVER
		2	2	D3130-1	CLEVIS BASE
		1	1	D3131-1	STOP
1				D3132-041	ROD WELDMENT
	1			D3132-042	ROD WELDMENT
	1			D3133-041	ROD WELDMENT
1				D3133-042	ROD WELDMENT
		1	1	D3134-1	ROD
		1	1	D3134-3	ROD
1	1			D3135-041	HANDLE WELDMENT
1	1			D3137-045	BRACKET ASSEMBLY
1				D3138-1	COVER
	1			D3138-2	COVER
1	1			D3139-1	GUARD
1				D3139-3	GUARD
	1			D3139-4	GUARD
1				D3140-05	DOOR
	1			D3140-06	DOOR
		1		D3140-07	DOOR
			1	D3140-08	DOOR
2	2			D3141-1	SPRING
		1	1	D3143-1	CLEVIS
		3	3	D3143-3	CLEVIS
		1		D3144-1	DOUBLER
1				D3144-3	DOUBLER
	1			D3144-105	DOUBLER
	1			D3144-107	DOUBLER
1				D3144-109	DOUBLER

Qty -01	Qty -02	Qty -03	Qty -04	Part Number	Description
1	1			D3144-111	DOUBLER
	1			D3144-115	DOUBLER
		1		D3144-117	DOUBLER
		1		D3144-121	DOUBLER
		1		D3144-119	DOUBLER
	1			D3144-123	DOUBLER
1	1			D3144-13	DOUBLER
		1		D3145-1	HINGE BRACKET
		1		D3145-2	HINGE BRACKET
		1		D3146-1	HINGE BRACKET
		1		D3146-2	HINGE BRACKET
		2	2	D3147-1	PIN
2	2			D3148-1	CLEVIS
		2	2	D3149-1	STRIKER PLATE
		2	2	D3150-1	GUIDE
1	1			D3151-041	DOUBLER ASSEMBLY
1				D3152-041	BRACKET ASSEMBLY
	1			D3152-042	BRACKET ASSEMBLY
		1	1	D3154-1	KEY
1	1			D3155-041	BRACKET ASSEMBLY
1	1			D3155-042	BRACKET ASSEMBLY
2	2			D3156-1	BRACKET
		2	2	D3157-1	SPACER
		3	3	D3159-041	BRACKET ASSEMBLY
		1		D3159-043	BRACKET ASSEMBLY
		1		D3159-044	BRACKET ASSEMBLY
10	10			D3162-041	BRACKET ASSEMBLY
1		1		D3162-043	BRACKET ASSEMBLY
1		1		D3162-044	BRACKET ASSEMBLY
1				D3163-041	COVER ASSEMBLY
	1			D3163-042	COVER ASSEMBLY
1				D3183-041	BRACKET ASSEMBLY ("ROLLER")
	1			D3183-042	BRACKET ASSEMBLY ("ROLLER")
1	1			D3203-1	HANDLE ASSEMBLY
2	2			D3308-1	DOUBLER
55	55	21	21	80-005-2-8	INSERT (OR SL2052-3-4)
10	10			AN625-10R6	SCREW
8	8	4	4	AN625-10R7	SCREW
		8	8	AN660JD10	WASHER
18	18	4	4	AN660JD10L	WASHER
13	13	32	32	AN660JD10LL	WASHER
6	6			AN660JD16L	WASHER
6	6	4	4	AN660JD6L	WASHER
		2	2	AN660JD8L	WASHER
		2	2	AN660JD8LL	WASHER
		10	10	ASL4-632-80	INSERT
87	87	50	50	BSP45	RIVET
		12	12	FWM10-032	WASHER
		6	6	FWM-032	WASHER
12	12			M7885-2-4	RIVET (OR CR3213-4-3)
		3	3	M7885-3-4	RIVET (OR CR3212-4-3)
		2	2	MS20392-1C11	PIN
		7	7	MS20392-2C15	PIN
2	2			MS20392-2C17	PIN
2	2	2	2	MS20392-2C9	PIN
2	2			MS20392-3C21	PIN
8	8			MS20426AD3	RIVET

Qty -01	Qty -02	Qty -03	Qty -04	Part Number	Description
20	20			MS20426AD4	RIVET
		6	6	MS21042L05	NUT
6	6	2	2	MS21042L06	NUT
		5	5	MS21042L3	NUT
4	4			MS21042L4	NUT
4	4			MS21072L3	NUTPLATE
6	6	9	9	MS24665-151	COTTER PIN
4	4			MS24693-S271	SCREW
		2	2	MS24694-C4	SCREW
4	4			MS24694-C5	SCREW
6	6			MS24694-S5	SCREW
18	18			MS24694-S50	SCREW
		4	4	MS24694-S56	SCREW
		2	2	MS24694-S53	SCREW
		4	4	MS24694-S90	SCREW
4	4			MS24694-S98	SCREW
		2	2	MS25281-R6	CLAMP
2	2	2	2	MS27039-1-05	SCREW
14	14	12	12	MS27039-1-06	SCREW
13	13	6	6	MS27039-1-08	SCREW
		2	2	MS35205-231	SCREW
2	2			MS35275-233	SCREW
2	2			MS35649-264	NUT
		4	4	MS35650-305T	NUT
2	2			MS35650-3252	NUT
2	2	3	3	MS51859-7	WASHER
		4	4	NAS1169-10L	WASHER
		14	14	NAS388-6-8P	SCREW
		15	15	NAS391B6P	WASHER
7	7			NAS43DD3-10	SPACER
6	6			NAS43DD3-14	SPACER
		2	2	NAS43DD3-40	SPACER

GENERAL NOTES:

- FOR ADJUSTMENT OF LOCKING MECHANISM PRIOR TO DOOR ASSEMBLY, SET AT UNLATCH POSITION AND ADJUST SCREW INWARD UNTIL D3124-1/2 HOOK RESTS AGAINST CUTOFF SHOWN IN VIEW N.
- IF REQUIRED, NOTCH D3125-1 LEVER (REF) TO CLEAR THE D3130-1 CLEVIS BASE (REF. 2 PLACES) TO ALLOW FOR FULL TRAVEL OF THE LEVER.
- HOLES AND PARTS TO BE LOCATED PER DRILLING JIGS, B30-23000-01; D3144-T1/-T2/-T3; D18703-3; D3162-041T1 (FOR -01 DOOR ASSY); B30-23000-02; D3144-T7/-T8/-T9; D18703-9; D3162-041T2 (FOR -02 DOOR ASSY); D3144-T4/-T5/-T6; D3119-041T1; D3112-T1/-T2 (FOR -03 DOOR ASSY); D3144-T10/-T11/-T12; D3119-042T1; D3112-T1/-T2 (FOR -04 DOOR ASSY).
- INSTALL INSERTS PER DART QSI 005. LOCATE TO MATCH HOLE PATTERN OF MATING PARTS.
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE IN INCHES.
- IDENTIFY D412-694-01/-02/-03/-04 DOOR ASSEMBLIES USING D2729-1 DECALS.

C	05.11.23	ADD D3137-045, D3162-043/-044; REMOVE D3137-041; UPDATED NOTES
B	04.10.07	UPDATE DRAWING
A	02.05.21	NEW ISSUE
DESIGN	CP	DRAWN BY
CHECKED		APPROVED
DATE	05.11.23	TITLE
		DOOR ASSEMBLY
		REV. C
		SHEET 1 OF 6
		SCALE
		NTS

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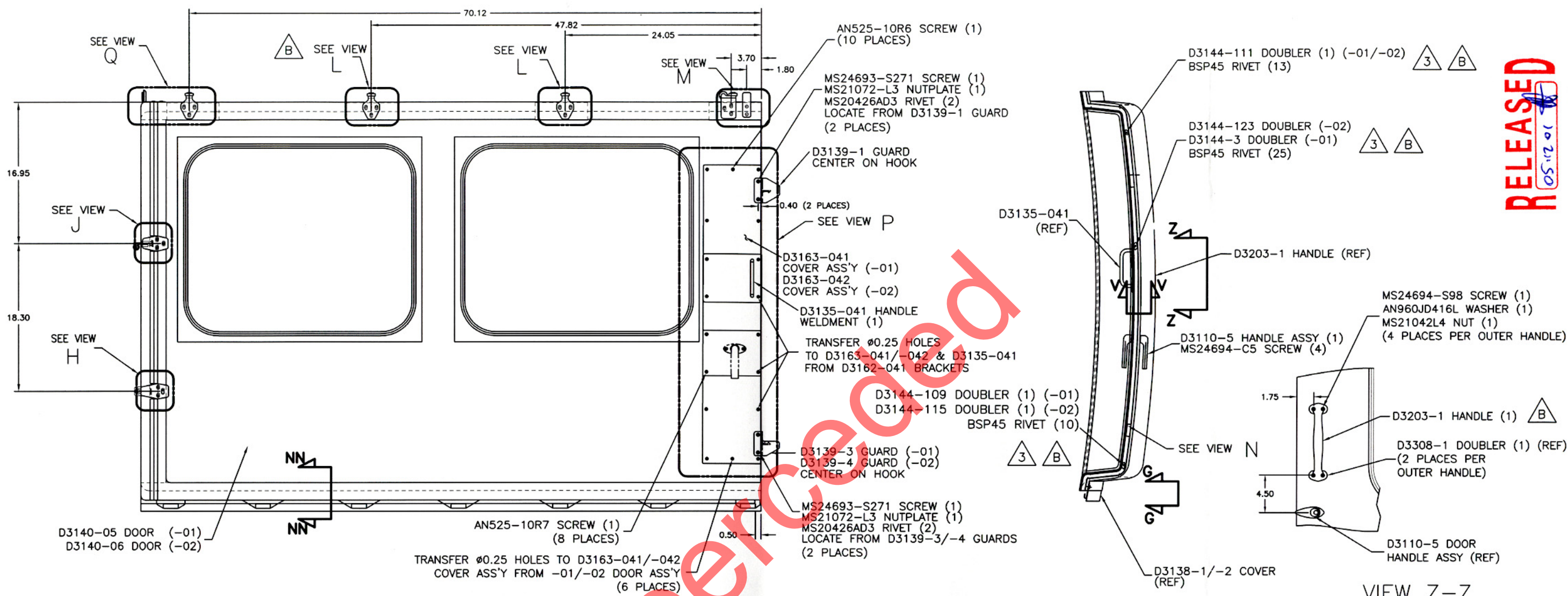
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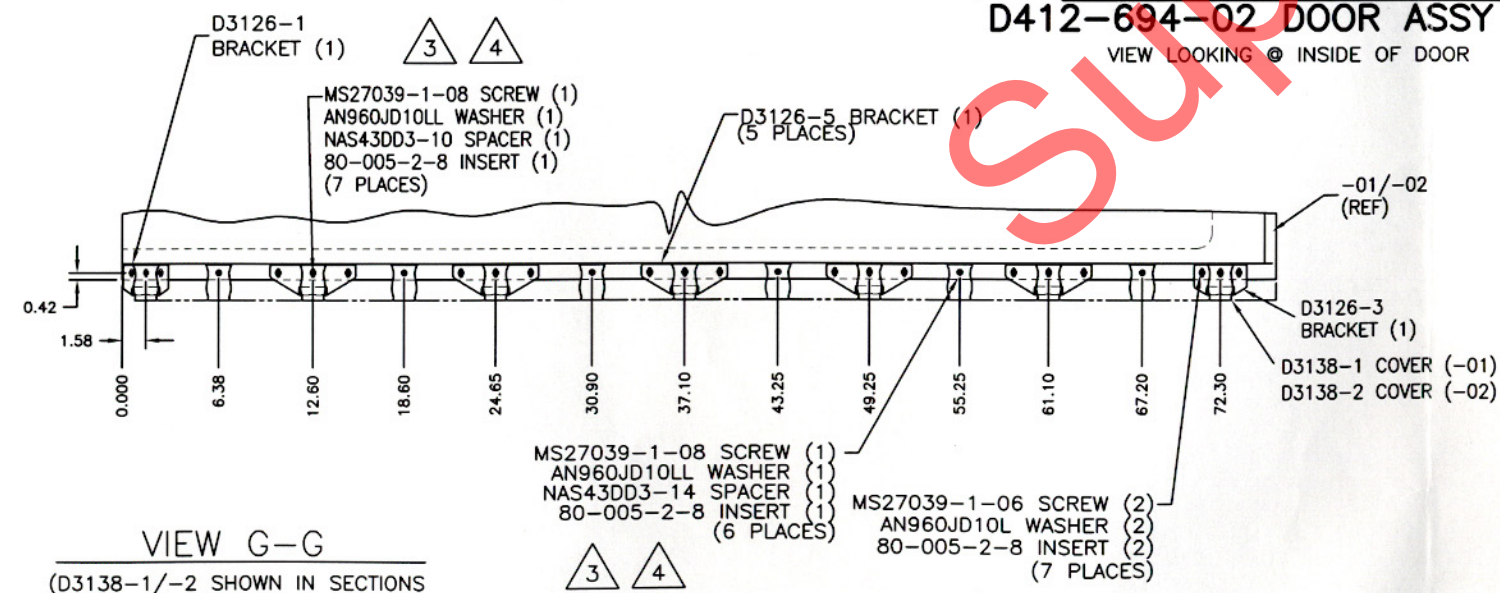
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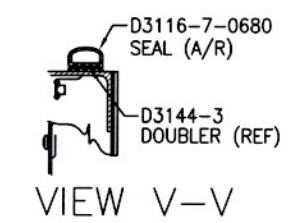
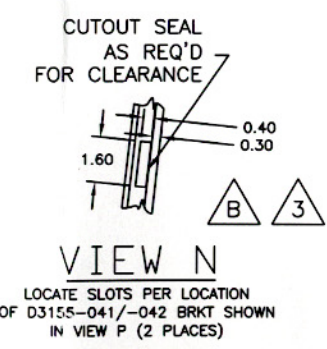
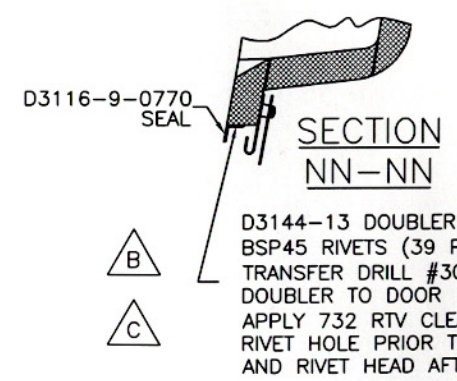
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D412-694-01 DOOR ASSY (SHOWN)
D412-694-02 DOOR ASSY (OPP.)
VIEW LOOKING @ INSIDE OF DOOR



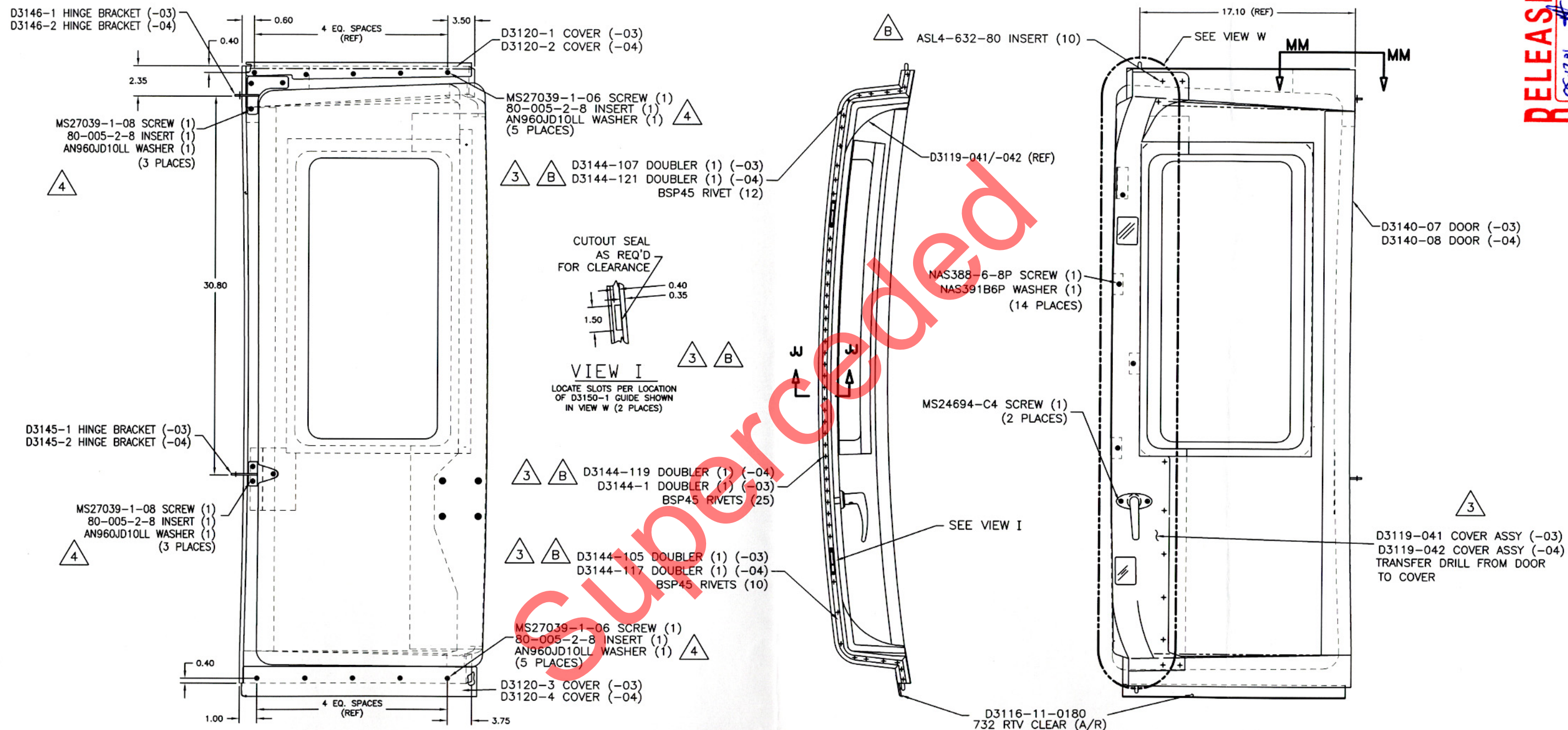
VIEW G-G
(D3138-1/-2 SHOWN IN SECTIONS FOR CLARITY OF HDWR LOCATIONS)



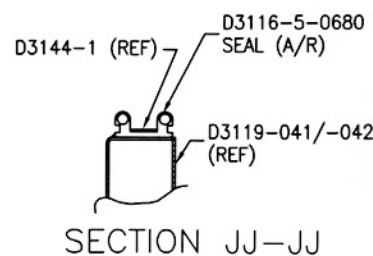
VIEW Z-Z
OUTER DOOR HANDLE INSTALLATION

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DATE 05.11.23		TITLE DOOR ASSEMBLY		SCALE NTS	

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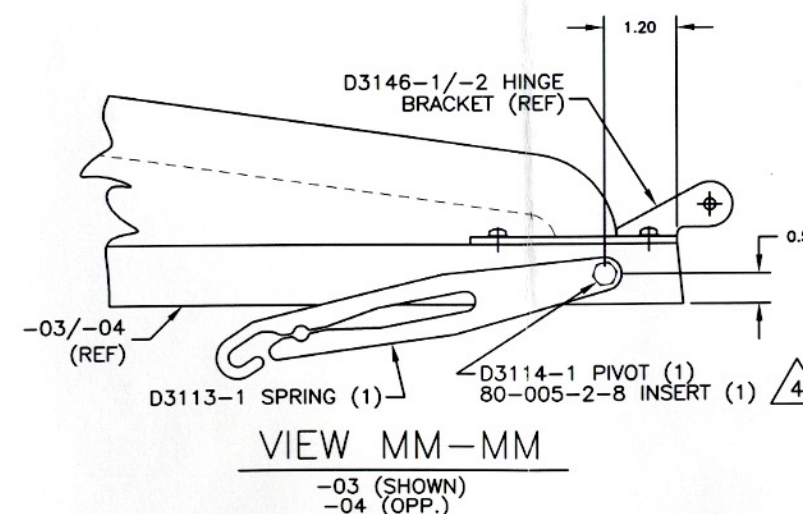
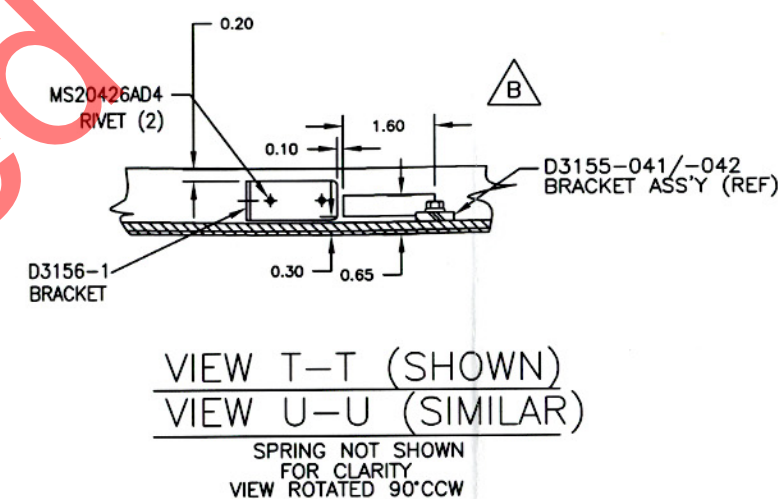
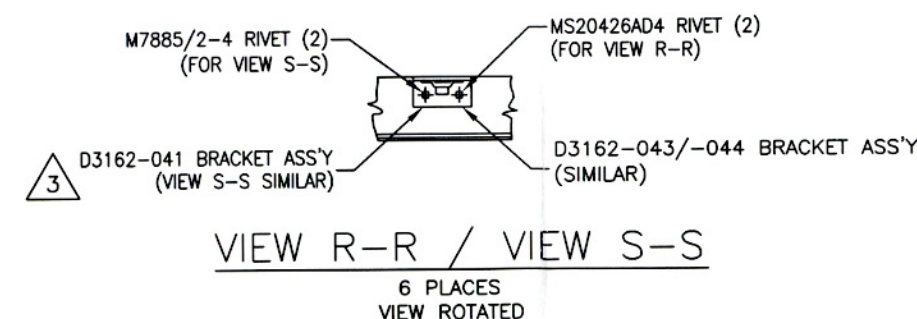
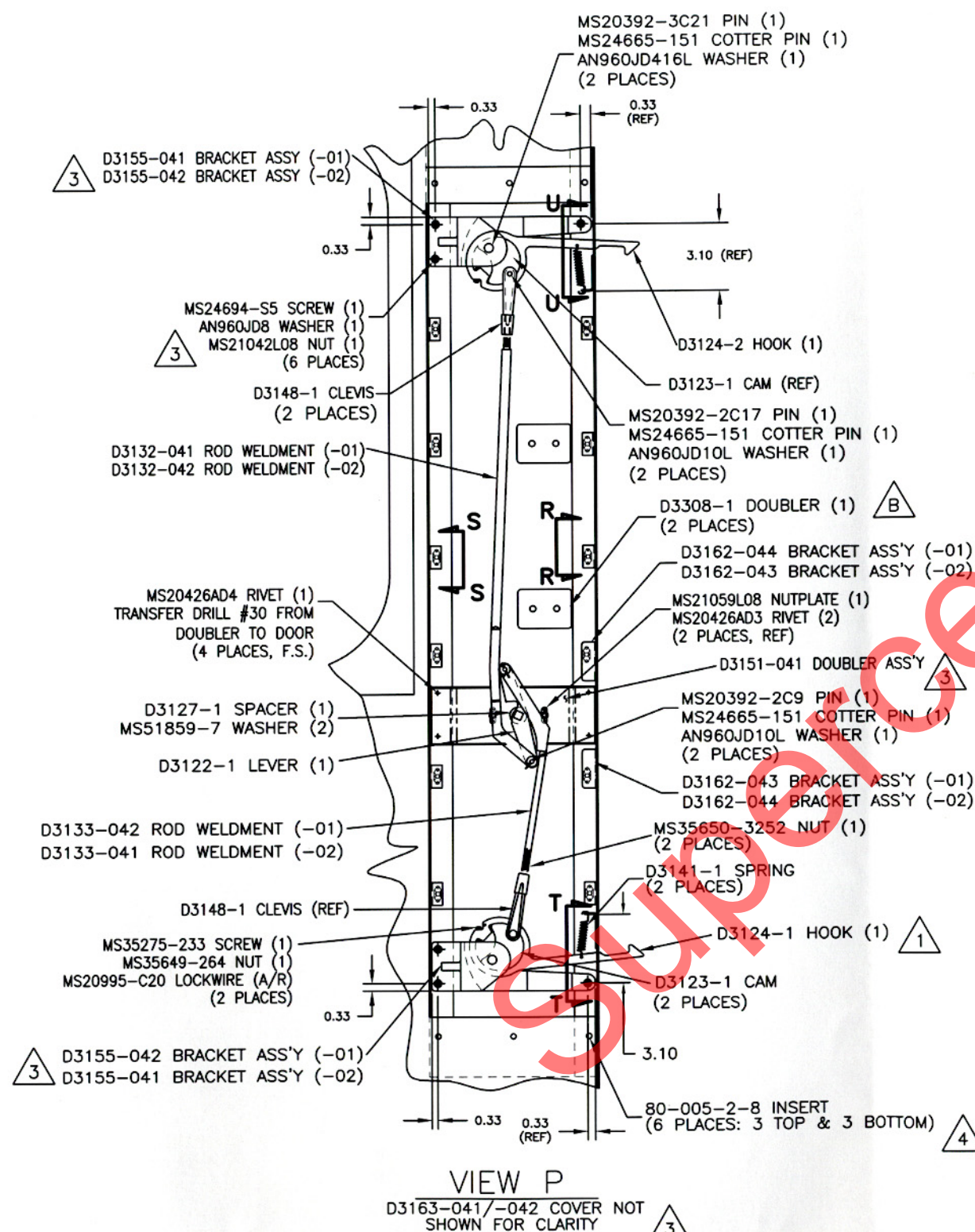


D412-694-03 DOOR ASSY (SHOWN)
 D412-694-04 DOOR ASSY (OPP)

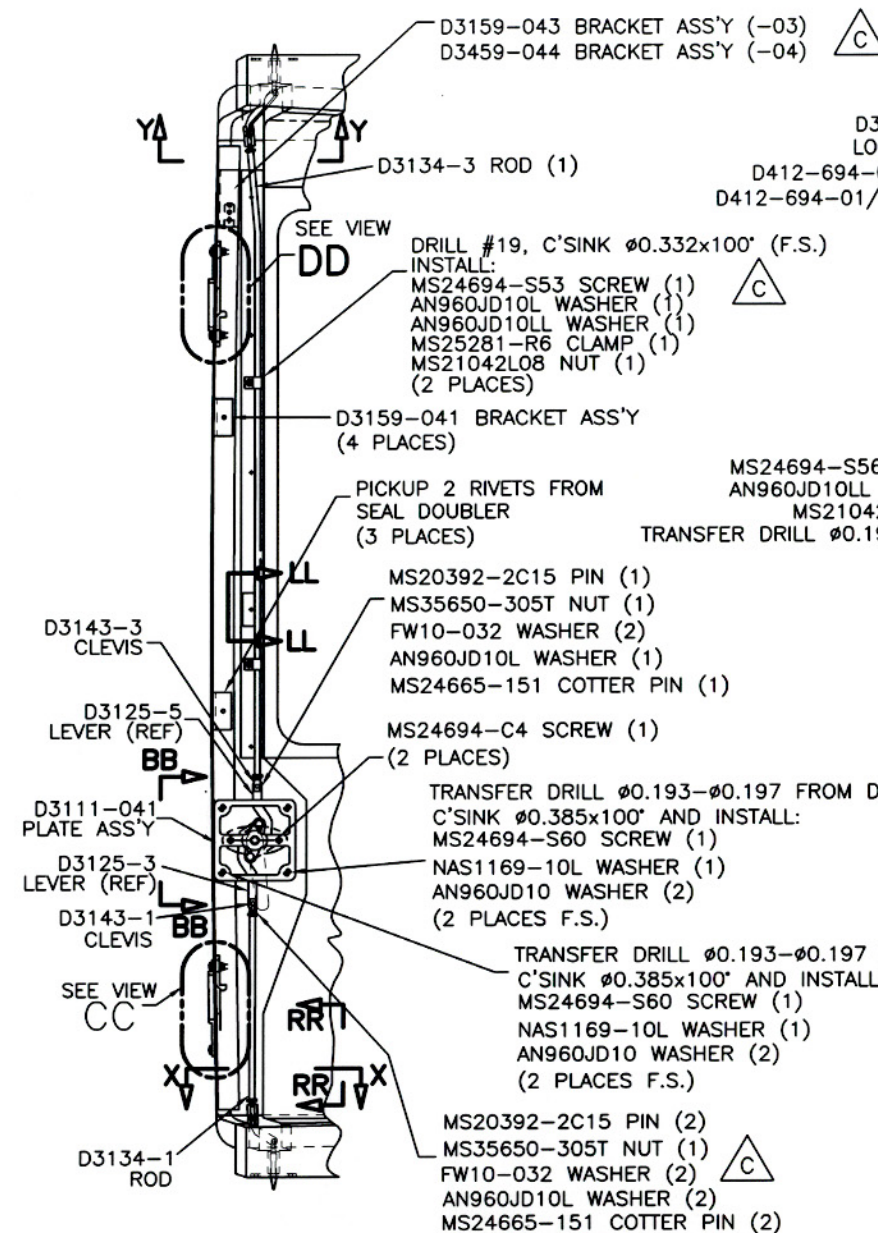


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DATE 05.11.23		TITLE DOOR ASSEMBLY		SCALE NTS	

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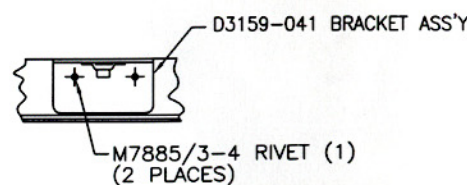


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	CHECKED		APPROVED			DRAWING NO.
	DATE	05.11.23	TITLE	DOOR ASSEMBLY		SHEET 4 OF 6
						SCALE



VIEW W

D3119-041/-042 COVER ASS'Y NOT SHOWN FOR CLARITY
SEAL ALSO NOT SHOWN FOR CLARITY



SECTION LL-LL

(3 PLACES)
VIEW ROTATED 90°CCW

D3150-1 GUIDE (1)
LOCATE BY ALIGNING
D412-694-03/-04 SLOTS IN
D412-694-01/-02 CUTOUT A/R
FOR CLEARANCE

D3128-1 SHIM
(A/R)

VIEW DD

VIEW CC (SIMILAR)

MS24694-S56 SCREW (1)
AN960JD10LL WASHER (1)
MS21042L3 NUT (1)
TRANSFER DRILL $\phi 0.191$ TO DOOR
(2 PLACES)

SEAL (REF)

D3149-1 STRIKER PLATE

D3147-1 PIN
-03/-04 (REF)

RECESS DOOR FOR
INSTALLATION OF
D3112-1 GUIDE LEAVE
0.040" AROUND D3112-1
BRACKET TO ALLOW
FOR ADJUSTMENT.
FAIR IN FOAM USING
HYSOL EA934 ADHESIVE

AN525-10R7 SCREW (1)
80-005-2-8 INSERT (1)
(2 PLACES)

D3112-1 GUIDE

D3125-7 LEVER

MS20392-1C11 PIN (1)
AN960JD8L WASHER (1)
AN960JD8LL WASHER (1)
MS24665-151 COTTER-PIN (1)
FW4-032 WASHER (3)

SECTION AA-AA

DRILL #10 ($\phi 0.193$)
D3130-1 CLEVIS BASE (1)
MS27039-1-06 SCREW (1)
AN960JD10LL WASHER (1)

D3125-1 LEVER 0.80 (REF)

D3125-1 LEVER (TOP)
D3125-7 LEVER (BOTTOM)

MS35650-305T NUT (1)

D3134-1/-3 ROD (REF)

D3143-3 CLEVIS

MS35206-231 SCREW (1)
AN960JD6L WASHER (2)
MS21042L06 NUT (1)
(2 PLACES)

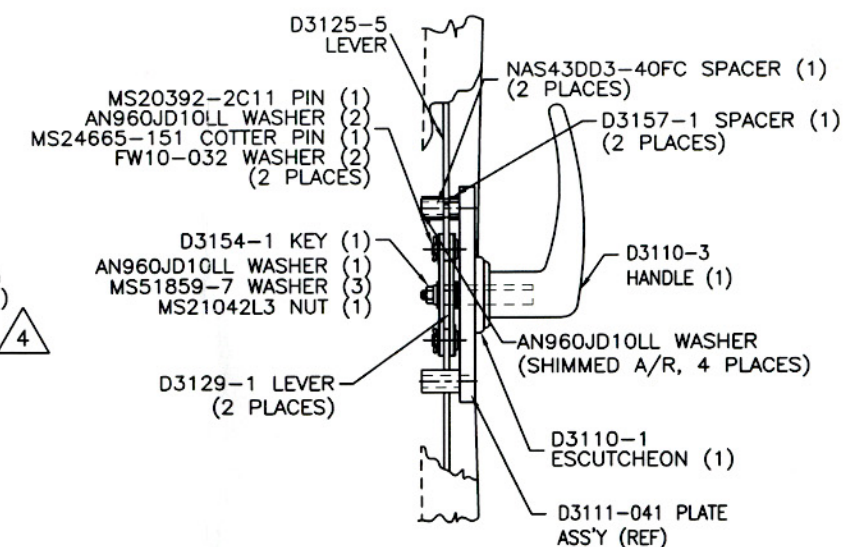
D3147-1 PIN (REF)

MS20392-1C11 PIN (REF)

D3131-1 STOP
MATCH DRILL D412-694-03/-04 (TOP ONLY)

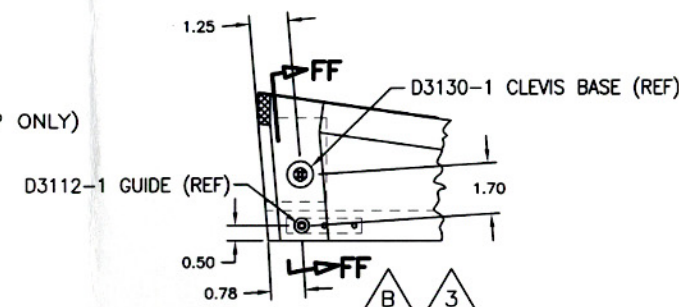
MS20392-2C15 PIN (1)
AN960JD10L WASHER (1)
FW10-032 WASHER (2)
MS24665-151 COTTER-PIN (1)
(2 PLACES)

SECTION FF-FF



SECTION BB-BB

VIEW SHOWN WITH MECHANISM
IN THE UNLOCKED POSITION
FOR CLARITY



SECTION X-X (SHOWN)

SECTION Y-Y (SIMILAR)

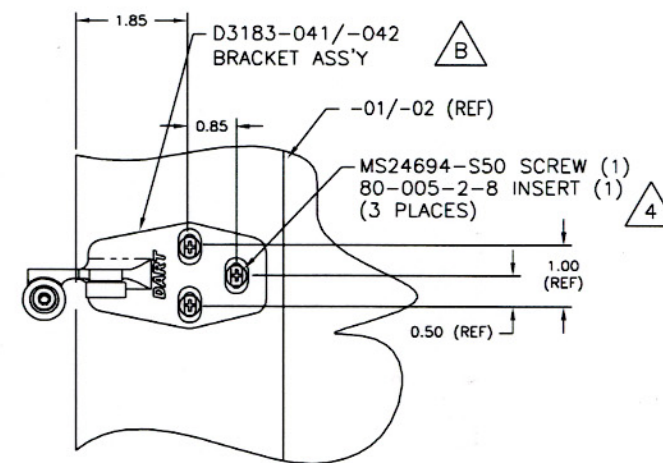
D3125-1 LEVER NOT SHOWN FOR CLARITY

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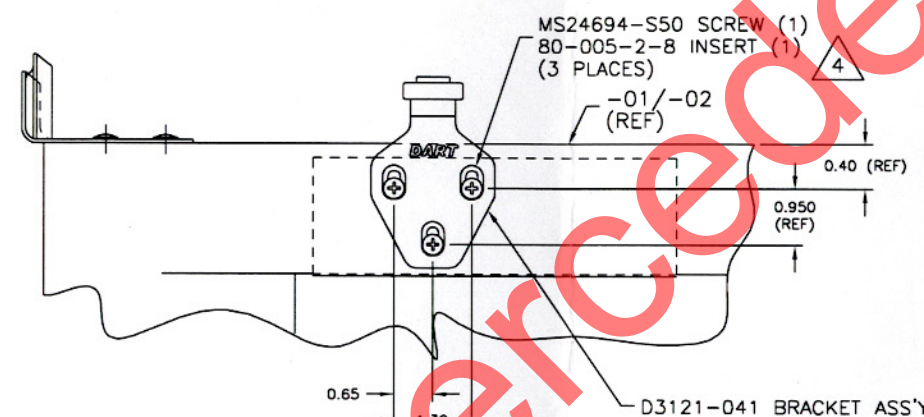
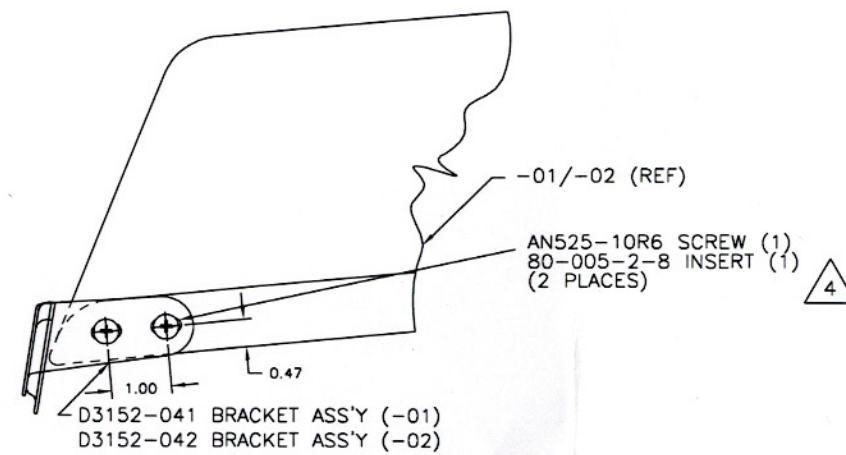
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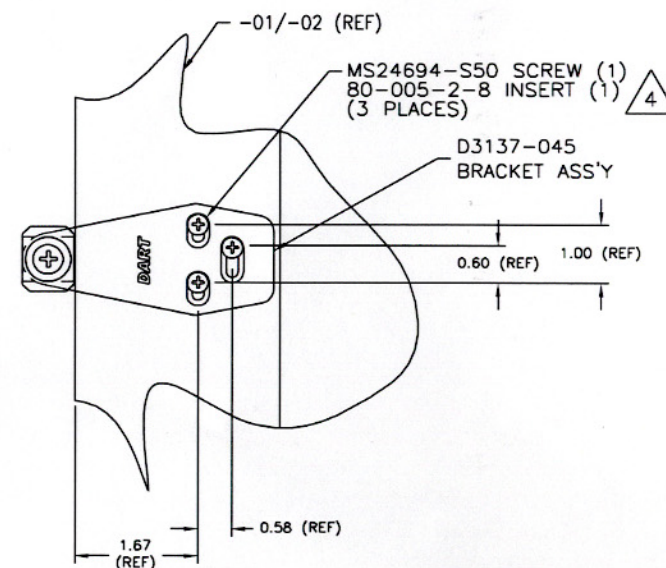
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DATE 05.11.23		TITLE DOOR ASSEMBLY	SCALE NTS



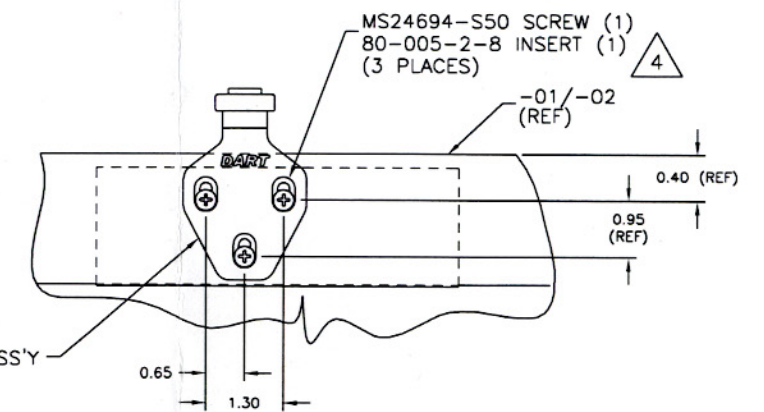
VIEW J



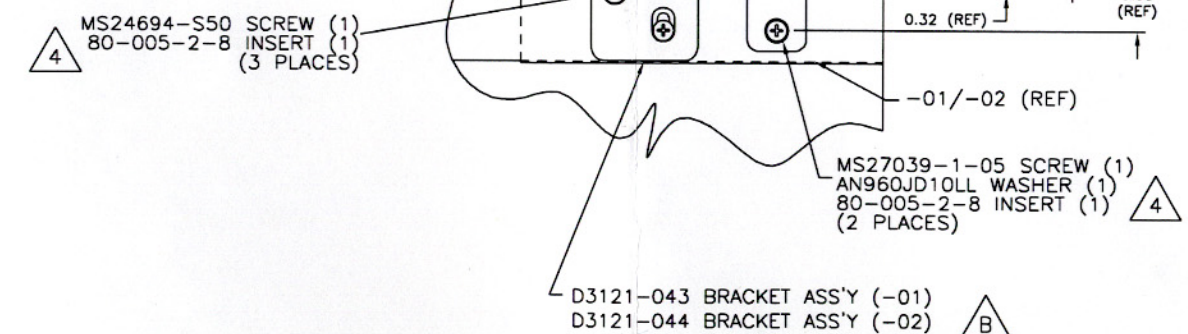
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VIEW H



VIEW L



VIEW M

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CP

CHECKED
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DATE

05.11.23

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RF

APPROVED
[Signature]

DART

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HAWKESBURY, ONTARIO, CANADA

DRAWING NO.
D412-694

TITLE

DOOR ASSEMBLY

REV. C
SHEET 6 OF 6

SCALE
NTS